

Patent Abstracts of Japan

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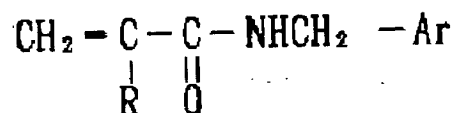
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APPLICANT : POLYPLASTICS CO;

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TITLE : POLYESTER RESIN COMPOSITION
AND ITS PRODUCTION



ABSTRACT : PURPOSE: To obtain a polyester resin comps. which is excellent in moldability and gives a molded article high in toughness and impact resistance, light in wt., and good in appearance by adding a specific epoxidation promoter to a mixture of a polyester resin with a specific modified polyolefinic resin in melt mixing the two resins.

CONSTITUTION: This resin compsn. is prepd. by compounding 100 pts.wt. resin component comprising 97-30 pts.wt. thermoplastic polyester resin and 3-70 pts.wt. modified polyolefinic resin obtd. by heating a mixture comprising 100 pts.wt. polyolefinic resin, 0.1-15 pts.wt. glycidyl compd. of the formula (wherein R is H or alkyl; and Ar is a glycidylated arom. hydrocarbon group), and 0.01-1.5 pts.wt. free-radical initiator with 0.1-2 pts.wt. epoxidation promoter selected from the group consisting of a t-amine, its salt, a phosphonium salt, and an organometallic complex and 0-120 pts.wt. fibrous, particulate, platy, or hollow filler.

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